

ABSTRACT

A method for automating the production of corroborative Textual Documentation
5 ('Specifications Documents') for CADD-based Design and Engineering disciplines
includes a computer-based system with Linking Software. The generation of CADD
drawings by its nature creates an electronic database of unique graphical entities
(‘Drawing Entities’). This database then becomes the basis for the creation of subsequent
drawings which may include some or all of the Drawing Entities stored in the database.
10 An electronic link is effected between the generation of CADD drawings, which contain
the Drawing Entities, and of associated Specifications document text. Unique Drawing
Entities within a CADD drawing are tagged with a unique identifier. Simultaneously,
Specifications Text Blocks, each one comprising a subset of the complete Specifications
Document are generated, and saved to a file. Each Drawing Entity in the database is
15 uniquely linked to one or more Specifications Text Blocks in that file. Subsequent use of
the tagged Drawing Entity allows for the automatic re-use of the associated Specifications
Text Block without further review or effort.